

ANDHRA PRADESH SOLAR POWER CORPORATION PRIVATE LIMITED
(A J V COMPANY OF GOVT OF ANDHRA PRADESH AND GOVT OF INDIA)

BIDDING DOCUMENT
(SINGLE PART BID)
FOR THE WORK OF

Name of work: **APSPCL – Rectification of cable rack vertical supporting structure at vagu area running from M/s Azure MCR to Pooling Station-3 of APSPCL at Veligallu Village of AUMSP (1500 MW) at Galiveedu Mandal, YSR Kadapa Dist., A.P.**

Tender Notice No. 09/2020-21/SE/C/APSPCL/F.Dkt/D.No. 622/20, Dt. 28.01.2021

ANDHRA PRADESH SOLAR POWER CORPORATION PRIVATE LIMITED

TENDER NOTICE

Tender Notice No. 09/2020-21/SE/C/APSPCL/F.Dkt/D.No. 622/20, Dt. 28.01.2021

1.	Department Name	Andhra Pradesh Solar Power Corporation Private Limited (A J V Company Of Govt. Of Andhra Pradesh And Govt. Of India)
2.	Circle/Division Name	Superintending Engineer / Civil / APSPCL / Guntur
3.	Tender Notice No.	<u>Tender Notice No. 09/ 2020-21 / SE / C/ APSPCL / F.Dkt / D.No. 622/20, Dt. 28.01.2021</u>
4.	Name of Work	APSPCL – Rectification of cable rack vertical supporting structure at vagu area running from M/s Azure MCR to Pooling Station-3 of APSPCL at Veligallu Village of AUMSP (1500 MW) at Galiveedu Mandal, YSR Kadapa Dist., A.P.
5.	Estimated Contract Value (Approximately)	Rs.4,82,259/- (Rupees Four Lakh Eighty Two Thousand Two Hundred and Fifty Nine Only)
6.	Period of Contract	One Month
7.	Form of Contract	L.S
8.	Tender Type	Open
9.	Tender Category	Works
10.	Tender Schedule Cost	Rs.336/- (Rupees Three Hundred and Thirty Six Only)
11.	Bid Security (EMD)	Rs. 7300/- (Rupees Seven Thousand and Three Hundred Only)
12.	Bid Security Payable to	By way of DD drawn on any nationalized bank in favour of Managing Director/ APSPCL/ Guntur.
13.	Last date for receipt of application for tender schedule.	Up to 11.02.2021, 03.00 P.M
14.	Sale of tender schedules	Up to 11.02.2021, 05.00 P.M
15.	Last date for receipt of tenders	12.02.2021, 03.00 P.M
16.	Bid Submission	The intending tenderer/Contractors have to submit their tenders in the Chamber of Superintending Engineer/Civil/APSPCL.
17.	Bid Validity	180 days from the date of opening of the Bid
18.	Opening of tenders	12.02.2021, After 5.00 P.M
19.	Eligibility Criteria	<u>1. Registration</u> (i) The intending tenderer should have posses minimum Class V & above in any State/Central Govt. or any State/Central PSU etc. (ii) Registration under process shall not be accepted.
20.	Place of Opening of Tenders	In the chambers of Superintending Engineer/Civil/ APSPCL, office of the Technical Wing, Flat no. 501, 5 th Floor, Garuda Enclave, Beside TG Plaza, Tadepalli, Guntur Dist - 522 501. E-Mail: md.apspcl@ap.gov.in
21.	Procedure for bid submission	a) Intending tenderers may obtain tender schedules from office of Superintending Engineer/Civil/APSPCL/Tadepalli/Guntur in person or through their authorized agents. The tenderers shall apply for tender schedules along with the separate DDs in favour of Managing Director/APSPCL/Tadepalli/Guntur payable at Guntur for cost of tender schedule and EMD to the undersigned.

22.	Statutory Requirements	<p>The tenderer shall fulfill the following statutory requirements.</p> <p>a) Labour Rules and Regulations The tenderer shall comply with all statutory labour rules and regulations for EPF, GIS/ESI, Labour cess, Contract labour rules, Workmen compensation etc., as may be applicable.</p> <p>b) GST The tenderer should have registration under GST in the state of Andhra Pradesh from concerned department. Applicable GST as on date is 18% of total value of the contract and the rates quoted shall be exclusive of GST.</p>
23.	Other Payments to be made	Apart from the Bid Security (EMD) the tenderer shall be liable to pay the cost of tender schedule.
24.	Documents to be submitted to the Tender inviting authority.	<p>All the bidders shall submit the scanned copies of the following documents along with the tender schedule.</p> <p>1) DD for EMD amount - This will be the primary requirement to consider the bid responsive. – Mandatory. 2) Contractor registration certificates – Mandatory. 3) Registration copies of EPF, ESI/Insurance & GST.</p> <p>Note: 1) The tenderer is liable to be disqualified, if he is found to have mislead or furnished false information in the forms / Statements / Certificates submitted in proof of qualification requirements and record of performance such as abandoning of work, not properly completing of earlier contracts, inordinate delay in completion of works, litigation history, financial failures and or participated in the previous tendering for the same work and has quoted unreasonable high price etc.</p> <p>2) Even while executing the work, if found that the contractor had produced false/fake certificates, he will be black listed and the contract will be terminated and his Bid security will be forfeited and work will be carried out through other agency at his cost and risk.</p>
25.	Other relevant information	<p>1. APSPCL reserves the right to award even part work or to cancel the tenders without assigning any reasons thereof. 2. No tender schedule will be sent by post. 3. The cost of tender schedules once paid will not be refunded under any circumstances.</p>

Sd/-
SUPERINTENDING ENGINEER/CIVIL

To
The Bidders through notice board / APSPCL website.

Copy to the:

- 1) Notice Board.
- 2) The Executive Engineer/Tech to the Chairman & Managing Director/APSPCL for information.
- 3) The Dy. Executive Engineer/Electrical/APSPCL/Kurnool for information.
- 4) The Dy.CCA/APSPCL/Guntur for information.
- 5) The Deputy Executive Engineer/Civil/APSPCL/Kadiri for information.
- 6) The Deputy Executive Engineer/Civil/APSPCL/ Mylavaram for information.
- 7) The Chief Executive Consultant/Electrical/APSPCL/Kadiri for information.

DETAILED TENDER NOTICE

1. Sealed Tenders will be received by the **Superintending Engineer/Civil**, APSPCL, Tadepalli, Guntur, up to **3.00 PM on 12.02.2021** for the work of "APSPCL – Rectification of cable rack vertical supporting structure at vagu area running from M/s Azure MCR to Pooling Station-3 of APSPCL at Veligallu Village of AUMSP (1500 MW) at Galiveedu Mandal, YSR Kadapa Dist., A.P." **The tenders will be opened by the Superintending Engineer/Civil, APSPCL 5.00 PM onwards on 12.02.2021 in his chambers.** If the tender opening day happens to be a holiday the tenders will be opened at the same timings mentioned above on the next working day. The tenderers or their authorized agents are expected to be present at the time of opening of tenders.

Intending bidders can contact office of the Superintending Engineer/Civil/APSPCL/Guntur for any clarification/ information on any working day during working hours

2. Earnest Money Deposit:
Each bidder must pay Bid Security i.e., Earnest Money Deposit of **Rs.7300/- (Rupees Seven Thousand and Three Hundred Only)** while submitting their bids. The EMD shall be paid by way of DD drawn on any nationalized bank in favour of Managing Director/APSPCL and payable at Guntur.
 - i. The Earnest Money Deposit will be refunded to the unsuccessful tenderer after intimation of the rejection of the tender or at the expiration of 180 days from the date of tender whichever is earlier.
 - ii. The Earnest Money will be retained in the case of successful tenderer and will not carry any interest. It will be dealt with as provided in the tender.
 - iii. Tenderers are not permitted to withdraw their or his offer once made for a period of 180 days after the opening of the tenders and in the event of such tenderers withdrawing their tenders' within 180 days after opening of tenders, the Earnest Money deposited by him/them will be forfeited by the APSPCL.
- 2.1 **In addition to the EMD, the balance amount of total up to 5% of the value of contract shall be paid by the successful tenderer as security deposit by way of Bank Guarantee/Demand Draft from Nationalized Bank approved by APSPCL as per proforma appended at the time of entering into the agreement. The above security deposit shall be furnished within fifteen (15) days from date of receipt of award. Further, 5% of the value of work done will be recovered from the running bills for the due fulfillment of the contract.**

The Security deposit (including EMD) will be refunded to the contractor after satisfactory completion of performance guarantee period as all defects shall have been made good according to the true intent and meaning thereof. The guarantee period commences from the date of completion of the work in all respects satisfactorily. These amounts will not bear any interest.

The retention amount which is recovered from the running bills shall be released after satisfactory completion of performance guarantee period. These amounts will not bear any interest.
- 2.2 Failure to enter into the required agreement or to make the security deposit as defined in the above paragraphs shall entail forfeiture of the earnest money deposit. The written agreement to be entered in between the contractor and the APSPCL shall be the foundation of the rights of both the parties and the contract shall not be deemed to be complete until the agreement has first been signed by the contractor and then by the proper officer authorized to enter into contracts on behalf of APSPCL.
- 2.3 The work shall be commenced from the dates specified by APSPCL, otherwise EMD will be forfeited.

If the successful tenderer fails to sign the agreement or otherwise commit default, the APSPCL shall have the right to recover damages according to law apart from forfeiting the earnest money deposit.

3. **Period of contract: 1 Month**

3.1. **Programme of work**

The attention of the tenderer is directed to the contract requirements as to the time of beginning the work, the rate of progress and the dates for the completion of the whole work and its several parts.

The programme of work to be done from time to time is indicated below. However, the Executive Engineer / Engineer-in-charge of the work will decide the priority of various items of work and their location and direct the successful tenderer for execution so as to complete the entire work as required.

The date of commencement of this work will be the date on which the site is handed over to the Contractor. The agreement shall be concluded before the site is handed over to the contractor or before he draws any materials.

Further, it shall also be noted by the tenderer, if on any account, the work gets dislocated due to the site being not available for work on any day or due to any other reason, it is not binding on the APSPCL to pay any compensation to the contractor, but the corresponding extension of time will be granted to the contractor.

The construction programme for the works envisaged in the specification is indicated below:

S.No.	Period after date of commencement	Cumulative Percentage of the work to be completed based on contract amount	Remarks
(1)	(2)	(3)	(4)
1.	1 months	100 %	

The periods entered in column (3) for the purpose of defining the rate of progress may be altered by the Engineer-in-charge or appropriate authority authorized by APSPCL to suit the requirements of project completion.

If, due to any other reason beyond the control of the contractor, the progress is slow during any period indicated above, the same shall be made up in subsequent periods and the programme shall be complied within minimum possible time.

The Executive Engineer / Engineer -in-charge shall direct the sequence and pace of the parts of the work and the contractor shall comply with them. Payment will be effected as per actual work completed and based on the approved mode of payment.

4. **Penalty: Action as per clause 60 and 61 of PS to APSS will be taken by the Executive Engineer / Engineer-in-charge if the contractor fails to adhere to the above programme of work.**

Due to what so ever reasons, if work gets extended beyond the contract period, an amount equivalent to 5% of running account bill will be recovered in the extended period of contract from the running account bills and release or forfeiture of this in part or full will be dealt as per the approval of competent authority of APSPCL.

5. The **Superintending Engineer/Civil/APSPCL**, or other sanctioning authority reserves the right to reject any tender in full or part or all the tenders without assigning any reason there for. The quoted percentage shall be binding on the tenderer even if the **Superintending Engineer/Civil/APSPCL** awards part of the work.

6. **TAXES, DUTIES, TOLLS AND SEIGNIORAGE:**

The contractor shall, unless otherwise specially stated in the tender notice and subsequently on this basis in the contract, be responsible for the payment wherever payable of all import duties, octopi duties, seigniorage, quarry fees etc. on all materials and articles that he may use Seigniorage and local cess charges payable on the materials used by the tenderer in the work will be recovered at rates fixed by competent authority from time to time from the contractor's bills and the same will be remitted to Mines & Minerals Department.

All taxes, duties, seigniorage and local cess charges, Turnover etc, except GST, EPF, GIS & Labour Cess (Labour cess will be recovered and remitted as TDS as per the building and other construction welfare cess act 1996) payable to the Govt./Quasi Govt.Bodies at the rates as on the date of opening of tender are deemed to be included in the quoted prices. **The applicable GST as on date will be paid extra on submission of GST invoice. The payment of GST is the responsibility of the contractor. Seigniorage on metal, sand, gravel etc., and local cess** will be recovered at rates fixed by competent authority from time to time from the contract bills. However, **Seigniorage** charges will not recovered if the contractor submits the proof of payment of **Seigniorage** charges to the concerned department. Statutory variations in the applicable rates or newly introduced taxes/duties, **Seigniorage** and local cess will be to APSPCL account subject to the condition that the work has to be completed as per the time schedule stipulated in the contract/agreement.

The percentage less/excess on ECV quoted for the subject work shall be excluding **GST, EPF, GIS, & Labour Cess. EPF & GIS** will be reimbursed by APSPCL on production of proof of actual remittances made and subject to the satisfaction of Engineer-in-Charge that the said contribution done is only for the workers employed on this work. Labour cess will reimbursed to the contractor as per actual on production of proof of payment as per the building and other construction welfare cess act 1996. APSPCL will not reimburse any excess payment made by the contractor for any of the above due to mis-interpretation of law or any other reason.

No GST will be collected from the contractor for the materials supplied by the APSPCL at free of cost.

Notwithstanding anything contained in Section 10 of the Indian Tariff Act, of 1894, the rates for item involving the use or supply of articles obtained by the contractor from outside India shall remain unaffected by any changes that may be introduced in the Customs duties.

Other taxes and duties levied by the Central/State Govt. prevailing as on the date of opening of tenders shall be to the contractor's account and the percentage less/excess on ECV value quoted shall be inclusive of them. Any increase in taxes and duties shall be to APSPCL's account. If there is any decrease in taxes and duties, credit shall be given to APSPCL to that extent.

The APSPCL will not however be responsible for payment any other tax made by the contractor under misapprehension of law.

7.0 **DEFECT LIABILITY**

- 7.1 The contractor shall be responsible to make good and remedy at his own cost within such a period as may be stipulated by the Engineer-in-charge any defect observed during the course of execution or which may develop or may be noticed before the expiry of the period mentioned in the Guarantee clause on intimation of which has been sent to the contractor within seven days of expiry of the said period by a letter sent by hand or Registered post.

8.0 **GUARANTEE**

- 8.1 The contractor shall guarantee that all items executed by him shall be free from all defects and workmanship up to completion of work in all respects.
- 8.2 APSPCL shall also be entitled to recover any losses direct or indirect incurred due to non-fulfillment of contractual commitment in this regard.
- 8.3 **The Guarantee period will be 6 months from the date of completion of Work.**

TECHNICAL SPECIFICATIONS

1.00 GENERAL

This specification is to cover preparation of general arrangement, construction as well as Fabrication drawings, supply of all labour as well as materials and construction of all civil, structural works for the proposed Construction of **"APSPCL – Rectification of cable rack vertical supporting structure at vagu area running from M/s Azure MCR to Pooling Station-3 of APSPCL at Veligallu Village of AUMSP (1500 MW) at Galiveedu Mandal, YSR Kadapa Dist., A.P."** promoted by M/s. Andhra Pradesh Solar Power Corporation Private Limited.

2.00 SCOPE OF WORK:

In general broad scope of work consists of the following:

- a) Formation of bund across vagu to divert the water to facilitate foundation concrete.
- b) Dewatering of water in vagu in construction area.
- c) Earth work excavation for foundation.
- d) Providing P.C.C (1:4:8) nominal mix.
- e) Providing R.C.C (1:3:6) nominal mix.
- f) Providing High Yield Strength Deformed (HYSD)/ Thermo Mechanically Treated (TMT) / Mild steel (MS) steel bars.
- g) Laying R.C.C M20 grade concrete.

The work shall complete in all aspects under this specification shall include but not limited to the following.

3.00 FORMATION OF BUND ACROSS VAGU TO DIVERT THE WATER TO FACILITATE FOUNDATION CONCRETE:

The firm shall arrange for Formation of bund across vagu to divert the water with locally available soil to facilitate concreting for cable rack foundations including conveyance of earth, spreading compaction, hire charges of various equipments etc complete as directed by the engineer-in -charge.

3.01 MODE OF PAYMENT: The payment shall be made on the basis of Cum.

4.00 DEWATERING OF WATER IN VAGU IN CONSTRUCTION AREA:

The firm shall arrange for Dewatering of water in Vagu in Construction area of cable supports by arranging of 20 HP Diesel motors including cost and conveyance of all materials at all leads and lifts, complete for finished item of work as per directions of the Engineer-in-charge.

4.01 MODE OF PAYMENT: The payment shall be made on the basis of Hours.

5.00 EARTH WORK EXCAVATION FOR FOUNDATION:

The firm shall arrange for Earthwork excavation in all kinds of soils and F&F rock for construction of cable rack vertical supports foundation works, dressing of sides and bottom as per drawing and technical specification including loading and disposal of excavated materials with all lifts and lead up to 1 KM, cost of all labour, machinery, blasting charges, manual sectioning to the lines and levels as per drawing, levelling the soil at dumping area etc complete for finished item of work as directed by the Engineer-in-charge.

5.01 MODE OF PAYMENT: The payment shall be made on the basis of Cum.

6.00 PROVIDING P.C.C (1:4:8) NOMINAL MIX:

The firm shall arrange for Providing PCC 1:4:8 nominal mix for levelling course in open foundations of vertical supports of cable rack using 40 mm nominal size Graded hard stone aggregate, mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 MORD and 1500, 1700 & 2100 MORTH.

6.01 MODE OF PAYMENT: The payment shall be made on the basis of Cum.

7.00 PROVIDING R.C.C (1:3:6) NOMINAL MIX:

The firm shall arrange for Providing RCC 1:3:6 nominal mix for beam connecting all cable support pedestals in vagu area and for footings of using 20 mm & 40 mm HBG metal, mechanically mixed and compacted by vibration, shuttering, dewatering, curing for 14 days complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 MORD and 1500, 1700 & 2100 MORTH.

7.01 MODE OF PAYMENT: The payment shall be made on the basis of Cum.

8.00 PROVIDING HIGH YIELD STRENGTH DEFORMED (HYSD)/ THERMO MECHANICALLY TREATED (TMT) / MILD STEEL (MS) STEEL BARS:

The firm shall arrange for Providing High Yield Strength Deformed (HYSD)/ Thermo Mechanically Treated (TMT) / Mild steel (MS) steel bars (Fe 415/ Fe 500 grade as per IS 1786-1979) of different diameters for RCC works of vertical supports of cable rack in vagu area including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials from JSW, Vizag Steel, SAIL & TATA and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc., complete for finished item of work at all elevations.

8.01 MODE OF PAYMENT: The payment shall be made on the basis of MT.

9.00 LAYING R.C.C M20 GRADE CONCRETE:

The firm shall arrange for Laying of vibrated RCC M20 grade nominal mix for vertical supports of cable rack in vagu area using 12 to 20 mm size HBG metal with minimum 330 Kgs of cement per cubic meter of concrete for all floors, including scaffolding, shuttering, centering, machine mixing, vibrating, curing, finishing, including all labour, hire charges of machinery, all leads and lifts etc., complete for finished item of work but excluding cost and fabrication of reinforcement steel.

9.01 MODE OF PAYMENT: The payment shall be made on the basis of Cum.

SCHEDULE – A**BILL OF QUANTITIES**

- a) The quantities given in the bill of quantities are approximate but they are subject to alterations, omissions, deductions or additions as provided for in the conditions of this contract and do not necessarily show the actual quantities of work to be done. The unit rates noted below are those governing payment of extras or deductions for omissions according to the conditions of the contract as set forth in the preliminary specifications of the A.P. Standard Specifications and other conditions and specifications of this contract.
- b) It is to be expressly understood that the measured work is to be taken net (not withstanding any custom or practice to the contrary) according to the actual quantities when in place and finished according to the drawings or as may be ordered from time to time by the Engineer-in-charge and the cost calculated by measuring or weight at the respective prices without any additional charges for any necessary or contingent works connected therewith.
- c) For all items of work which are more than 10% in excess of the quantities shown in the bill of quantities the rate payable for excess quantities beyond 10% shall be either tender rate or the SS rate for the item plus or minus the overall tender percentage whichever is less. The SS rate means the rate with in the estimate has been prepared for comparison with tenders.
- d) The rates quoted by the contractor are firm till completion of the work in all respects. No price variation of rates is allowed in case of delay in handing over of site to the contactors, if any by the department. However, corresponding extension of time will only be granted to the contactors.

SCHEDULE-A

Name of Work : APSPCL – Rectification of cable rack vertical supporting structure at vagu area running from M/s Azure MCR to Pooling Station-3 of APSPCL at Veligallu Village of AUMSP (1500 MW) at Galiveedu Mandal, YSR Kadapa Dist., A.P.

S.No.	Qty		Description of item	Rate	Per	Amount
1	360.00	Cum	Formation of bund across vagu to divert the water with locally available soil to facilitate concreting for cable rack foundations including conveyance of earth, spreading compaction, hire charges of various equipments etc complete as directed by the engineer-in -charge.		Cum	
2	90.00	Hours	Dewatering of water in Vagu in Construction area of cable supports by arranging of 20 HP Diesel motors including cost and conveyance of all materials at all leads and lifts, complete for finished item of work as per directions of the Engineer-in-charge.		Hour	
3	150.00	Cum	Earthwork excavation in all kinds of soils and F&F rock for construction of cable rack vertical supports foundation works, dressing of sides and bottom as per drawing and technical specification including loading and disposal of excavated materials with all lifts and lead up to 1 KM, cost of all labour, machinery, blasting charges, manual sectioning to the lines and levels as per drawing, levelling the soil at dumping area etc complete for finished item of work as directed by the Engineer-in-charge.		Cum	
4	4.00	Cum	Providing PCC 1:4:8 nominal mix for levelling course in open foundations of vertical supports of cable rack using 40 mm nominal size Graded hard stone aggregate, mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 MORD and 1500, 1700 & 2100 MORTH.		Cum	

5	11.00	Cum	Providing RCC 1:3:6 nominal mix for beam connecting all cable support pedestals in vagu area and for footings of using 20 mm & 40 mm HBG metal, mechanically mixed and compacted by vibration, shuttering, dewatering, curing for 14 days complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 MORD and 1500, 1700 & 2100 MORTH.		Cum	
6	2.20	MT	Providing High Yield Strength Deformed (HYSD)/ Thermo Mechanically Treated (TMT) / Mild steel (MS) steel bars (Fe 415/ Fe 500 grade as per IS 1786-1979) of different diameters for RCC works of vertical supports of cable rack in vagu area including labour charges for straightening, cutting, bending to required sizes and shapes, placing in position with cover blocks of approved materials from JSW,Vizag Steel, SAIL & TATA and size and tying and lap-splicing with binding wire of 18 SWG, forming grills for reinforcement work as per approved designs and drawings, including cost and conveyance of steel bars, including all wastages such as overlaps, couplings, chairs, spacer bars including cost and conveyance of binding wire, cover blocks and all incidental, operational, labour charges such as cutting, bending, placing in position, tying including sales and other taxes on all materials etc., complete for finished item of work at all elevations.		MT	
7	13.00	Cum	Laying of vibrated RCC M20 grade nominal mix for vertical supports of cable rack in vagu area using 12 to 20 mm size HBG metal with minimum 330 Kgs of cement per cubic meter of concrete for all floors, including scaffolding, shuttering, centering, machine mixing, vibrating, curing, finishing, including all labour, hire charges of machinery, all leads and lifts etc., complete for finished item of work but excluding cost and fabrication of reinforcement steel.		Cum	
			Total			
	In words					

Contractor

Sd/-
Superintending Engineer/Civil